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File: DWPI

Mar 24, 1993

DERWENT-ACC-NO: 1993-095555
DERWENT-WEEK: 199312
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TITLE: CCD image processing system - uses photosensitive matrix with image formation, and memory and shift register regions controlled by sequencer

INVENTOR: COSNIER, J

PATENT-ASSIGNEE:

ASSIGNEE

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CODE

PHIG

SODEN

PRIORITY-DATA: 1991FR-0011503 (September 18, 1991)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<input type="checkbox"/> EP 533252 A1	March 24, 1993	F	012	H04N003/15
<input type="checkbox"/> FR 2681456 A1	March 19, 1993		000	G06F015/70
<input type="checkbox"/> JP 05252453 A	September 28, 1993		000	H04N005/335

DESIGNATED-STATES: DE FR GB IT

CITED-DOCUMENTS: DE 3744128; EP 178954 ; EP 236157 ; EP 265302 ; US 4430673

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
EP 533252A1	September 10, 1992	1992EP-0202756	
FR 2681456A1	September 18, 1991	1991FR-0011503	
JP 05252453A	September 16, 1992	1992JP-0246479	

INT-CL (IPC): G06F 15/70; H04N 3/15; H04N 5/335

ABSTRACTED-PUB-NO: EP 533252A

BASIC-ABSTRACT:

The image analysis system includes a charge transfer device (T) including an image zone (I) formed of a matrix of photosensitive lines (Y) and columns (X). It also

includes a memory zone (M) and a shift register (SR) with x positions.

Shift devices are provided for transferring data line by line from the image zone to the memory zone (ID), and from the memory zone to the shift register (MD), and for effecting a column shift in the shift register (CD). These are all controlled by a sequencer (SEQ).

USE/ADVANTAGE - Provides image processing suitable for guidance system. Sequencer includes automatic micro-instruction generator, allowing appts. to serve different applications defined by data in appropriate memory.

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CHOSEN-DRAWING: Dwg.1/5

TITLE-TERMS: CCD IMAGE PROCESS SYSTEM PHOTSENSITISER MATRIX IMAGE FORMATION MEMORY
SHIFT REGISTER REGION CONTROL SEQUENCE

DERWENT-CLASS: T04 W04 W06

EPI-CODES: T04-D02B; W04-M01B7; W06-A09;

SECONDARY-ACC-NO:

Non-CPI Secondary Accession Numbers: N1993-073035